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No. 21

LAND-GRANT COLLEGES AND UNIVERSITIES

YEAR ENDED JUNE 30

1931



By

WALTER J. GREENLEAF

Specialist in Higher Education

ED STATES DEPARTMENT OF THE INTERIOR - - *Ray Lyman Wilbur, Secretary*
S OF EDUCATION - - - - - *William John Cooper, Commissioner*

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LETTER OF TRANSMITTAL

DEPARTMENT OF THE INTERIOR,
OFFICE OF EDUCATION,
Washington, D. C., October, 1932.

SIR: The first Morrill Act signed by President Lincoln on July 2, 1862, provided for the establishment in each State of a college of agriculture and the mechanic arts. By this act each State received an amount of public land (or land scrip) equal to 30,000 acres for each Senator and Representative in Congress to which it was then entitled. The proceeds from the sale of the land constitute a permanent fund or endowment. The second Morrill Act of 1890 and the Nelson amendment of 1907 provide for annual appropriations which now amount to \$50,000 for each State and Territory for the benefit of these institutions, now commonly known as land-grant colleges.

In 22 States the State university is designated as the land-grant institution; 20 States provide a separate land-grant college in addition to a State university; 3 Territories—Alaska, Hawaii, and Puerto Rico—maintain land-grant institutions; 6 States do not provide State universities, and of these Connecticut, Massachusetts, Pennsylvania, and Rhode Island support State colleges which are designated as land-grant colleges, and Massachusetts, New Jersey, and New York have designated departments of privately controlled institutions as land-grant colleges. Massachusetts has 2 land-grant institutions—1 for agriculture at Amherst, and 1 for engineering at Cambridge.

These institutions are required by law to report on the use of the 1862 funds and of the Morrill-Nelson appropriations annually to the Secretary of the Interior and to the Secretary of Agriculture.

Dr. Walter J. Greenleaf, specialist in higher education, has summarized these reports for 1930-31 and has interpreted the returns for use of those interested in the land-grant institutions, and I recommend that the 1930-31 manuscript be published as a bulletin of the United States Office of Education.

Respectfully submitted.

WM. JOHN COOPER,
Commissioner.

THE SECRETARY OF THE INTERIOR

DIRECTORY, 1932

LAND-GRANT COLLEGES AND UNIVERSITIES ATTENDED BY WHITE STUDENTS

LOCATION AND NAME OF PRESIDENT

Alabama—ALABAMA POLYTECHNIC INSTITUTE, Auburn—Bradford Knapp.¹
 Alaska—ALASKA AGRICULTURAL COLLEGE AND SCHOOL OF MINES, Fairbanks—Charles E. Bunnell.
 Arizona—UNIVERSITY OF ARIZONA,¹ Tucson—Homer L. Shantz.
 Arkansas—UNIVERSITY OF ARKANSAS,¹ Fayetteville—John C. Futrell.
 California—UNIVERSITY OF CALIFORNIA,¹ Berkeley—Robert G. Sproul.
 Colorado—COLORADO AGRICULTURAL COLLEGE, Fort Collins—Charles A. Lory.
 Connecticut—CONNECTICUT AGRICULTURAL COLLEGE, Storrs—Charles C. McCracken.
 Delaware—UNIVERSITY OF DELAWARE,¹ Newark—Walter Hullihen.
 Florida—UNIVERSITY OF FLORIDA,¹ Gainesville—John J. Tigert.
 Georgia—GEORGIA STATE COLLEGE OF AGRICULTURE AND MECHANIC ARTS, Athens—Andrew M. Soule.
 Hawaii—UNIVERSITY OF HAWAII, Honolulu—David L. Crawford.
 Idaho—UNIVERSITY OF IDAHO,¹ Moscow—Mervin G. Neale.
 Illinois—UNIVERSITY OF ILLINOIS,¹ Urbana—Harry W. Chase.
 Indiana—PURDUE UNIVERSITY, Lafayette—Edward C. Elliott.
 Iowa—IOWA STATE COLLEGE OF AGRICULTURE AND MECHANIC ARTS, Ames—Raymond M. Hughes.
 Kansas—KANSAS STATE COLLEGE OF AGRICULTURE AND APPLIED SCIENCE, Manhattan—Francis D. Farrell.
 Kentucky—UNIVERSITY OF KENTUCKY,¹ Lexington—Frank L. McVey.
 Louisiana—LOUISIANA STATE UNIVERSITY AND AGRICULTURAL AND MECHANICAL COLLEGE,¹ Baton Rouge—James M. Smith.
 Maine—UNIVERSITY OF MAINE,¹ Orono—Harold S. Boardman.
 Maryland—UNIVERSITY OF MARYLAND,¹ College Park—Raymond A. Pearson.
 Massachusetts:
 MASSACHUSETTS STATE COLLEGE, Amherst—Roscoe W. Thatcher.
 MASSACHUSETTS INSTITUTE OF TECHNOLOGY, Cambridge—Karl T. Compton.
 Michigan—MICHIGAN STATE COLLEGE OF AGRICULTURE AND APPLIED SCIENCE, East Lansing—Robert S. Shaw.
 Minnesota—UNIVERSITY OF MINNESOTA,¹ Minneapolis—Lotus D. Coffman.
 Mississippi—MISSISSIPPI AGRICULTURAL AND MECHANICAL COLLEGE, Agricultural College—Hugh Critt.
 Missouri—UNIVERSITY OF MISSOURI,¹ Columbia—Walter Williams.
 Montana—MONTANA STATE COLLEGE OF AGRICULTURE AND MECHANIC ARTS, Bozeman—Alfred Atkinson.
 Nebraska—UNIVERSITY OF NEBRASKA,¹ Lincoln—Edgar A. Burnett.
 Nevada—UNIVERSITY OF NEVADA,¹ Reno—Walter E. Clark.
 New Hampshire—UNIVERSITY OF NEW HAMPSHIRE,¹ Durham—Edward M. Lewis.
 New Jersey—RUTGERS UNIVERSITY, New Brunswick—Robert C. Clothier.
 New Mexico—NEW MEXICO COLLEGE OF AGRICULTURE AND MECHANIC ARTS, State College—Harry L. Kent.
 New York—CORNELL UNIVERSITY, Ithaca—Livingston Farrand.
 North Carolina—NORTH CAROLINA STATE COLLEGE OF AGRICULTURE AND ENGINEERING, West Raleigh—Eugene O. Brooks.
 North Dakota—NORTH DAKOTA AGRICULTURAL COLLEGE, Agricultural College—John E. Sheppard.
 Ohio—OHIO STATE UNIVERSITY,¹ Columbus—George W. Rightmire.
 Oklahoma—OKLAHOMA AGRICULTURAL AND MECHANICAL COLLEGE, Stillwater—Henry G. Bennett.
 Oregon—OREGON STATE AGRICULTURAL COLLEGE, Corvallis—William J. Kerr.
 Pennsylvania—PENNSYLVANIA STATE COLLEGE, State College—Ralph D. Hetzel.
 Puerto Rico—UNIVERSITY OF PUERTO RICO, Rio Piedras—Carlos E. Chardon.
 Rhode Island—RHODE ISLAND STATE COLLEGE, Kingston—Raymond G. Brouler.
 South Carolina—CLEMSON AGRICULTURAL COLLEGE, Clemson College—Enoch W. Sims.
 South Dakota—SOUTH DAKOTA STATE COLLEGE OF AGRICULTURE AND MECHANIC ARTS, Brookings—Charles W. Pugsley.
 Tennessee—UNIVERSITY OF TENNESSEE,¹ Knoxville—Harcourt A. Morgan.
 Texas—AGRICULTURAL AND MECHANICAL COLLEGE OF TEXAS, College Station—Thomas O. Walton.
 Utah—UTAH STATE AGRICULTURAL COLLEGE, Logan—Elmer G. Peterson.
 Vermont—UNIVERSITY OF VERMONT AND STATE AGRICULTURAL COLLEGE,¹ Burlington—Guy W. Bailey.
 Virginia—VIRGINIA AGRICULTURAL AND MECHANICAL COLLEGE AND POLYTECHNIC INSTITUTE, Blacksburg—Julian A. Burruss.
 Washington—STATE COLLEGE OF WASHINGTON, Pullman—Ernest O. Holland.
 West Virginia—WEST VIRGINIA UNIVERSITY,¹ Morgantown—John R. Turner.
 Wisconsin—UNIVERSITY OF WISCONSIN,¹ Madison—Glenn Frank.
 Wyoming—UNIVERSITY OF WYOMING,¹ Laramie—Arthur G. Crane.

¹ Resigned, 1932.

² State University as well as land-grant college.

LAND-GRANT COLLEGES AND UNIVERSITIES

YEAR ENDED JUNE 30, 1931

By WALTER J. GREENLEAF
Specialist in Higher Education

Of the 69 land-grant colleges and universities which are in operation, 52 are attended primarily or exclusively by white students (detailed in Tables 2 to 10, inclusive) and 17 are attended exclusively by Negroes (detailed in Tables 11 and 12). A summary for all 69 land-grant institutions is given in Table 1.

ENROLLMENTS.—In 1930-31, 180,515 men and 128,877 women of college grade were enrolled as detailed in Table 4. As in earlier years, the greatest number of students elected arts and sciences or liberal arts courses—31.1 per cent. Engineering of all types accounted for 20.9 per cent, with 4.9 per cent of students electing electrical engineering and 4.6 per cent mechanical engineering. Slightly more than a third of the students is enrolled in courses characterized as "agriculture and the mechanic arts"; another third is in liberal arts; and the remainder in various professional fields including education 10.1 per cent, and business 9 per cent. That these percentages are fairly constant from year to year is indicated in Table 7 where percentages have been figured independently for each of six years.

Instruction is also offered to many students not of college grade. In the practice schools owned by the land-grant institutions, 3,224 boys and girls were enrolled. Students in secondary schools in 13 institutions numbered 3,117 boys and girls. In courses of less than 10 days, 54,549 men and 19,204 women were enrolled. Short courses of 10 days to 1-year duration enrolled 7,763 men and 2,256 women. Students in noncredit-extension classes and courses numbered 273,805 men and 36,004 women. Correspondence courses not taken for college credit enrolled 17,541 men and 3,510 women.

DEGREES awarded in 1930-31 are shown in some detail in Table 6, Parts I and II. A total of 27,529 first degrees were awarded. First degrees include bachelor degrees of all kinds, first professional degrees such as LL. B., M. D., and all other degrees which do not require graduate courses for completion. Master's degrees totaled 3,793; earned doctor's degrees, such as Ph. D., S. D., etc., 670; advanced engineering degrees, 232; and honorary degrees, 91. There has been a tendency during the past six years for the percentage of first degrees to decline in agriculture and engineering, and to increase in education and fine arts.

In 1930-31 in the land-grant colleges alone the Federal Government spent nearly \$4,000,000 on military education. Pay and allowances (directly through the War Department) of Regular Army personnel on duty with the various units amounted to \$2,328,260 for the fiscal year. The maintenance cost which includes equipment commutation in lieu of uniforms, ammunition, care and safekeeping of arms, ammunition and equipment, etc., totaled \$1,600,131 in the 51 land-grant institutions (Alaska does not benefit). The total number of students reported in military education and drill was 55,053. The number of students appointed in the Officers Reserve Corps (O. R. C.) was 2,863; that is, commissions were offered to 2,863, most of whom accepted, and in addition a few students who were too young to accept commissions were given certifications for appointment from The Adjutant General which will automatically entitle them to be regarded as eligible for appointment in the O. R. C. upon becoming 21 years of age.

INVENTORY.—More than a third of a billion dollars is the appraisal value of the 52 land-grant institutions.

Buildings:

Residence halls.....	\$29, 403, 962		
Stadium or grandstands.....	10, 128, 405		
All other buildings.....	188, 808, 609		
		Amount	Per cent
		\$228, 340, 976	58. 4
Apparatus, machinery, and furniture.....	61, 477, 593		15. 7
Campus and farms.....	60, 471, 354		15. 5
Value of library books.....	20, 523, 046		5. 3
Service lines, water, sewerage, steam, etc.....	10, 284, 503		2. 6
Museum collections.....	2, 798, 135		. 7
Livestock.....	2, 561, 399		. 7
Miscellaneous property.....	4, 437, 581		1. 1
Total property.....	390, 894, 587		100. 0

Inventories of eight universities—California, Minnesota, Illinois, Ohio State, Wisconsin, Cornell, Massachusetts Institute of Technology, and Rutgers University—make up half the total. Of these eight, however, the latter three institutions are not State institutions, but are privately controlled, although each receives Federal appropriations. Cornell and Rutgers also receive State appropriations. Only one institution is appraised at less than a million dollars—Alaska Agricultural and Mechanical College and School of Mines—a comparatively new land-grant college; 15 institutions are valued between one and three millions; 14 between three and five millions; 11 between five and ten millions; and 11 at more than ten millions. Of the money invested in stadia or grandstands, one-half is reported by the following—Illinois more than \$2,000,000, Ohio State nearly \$2,000,000, and California more than \$1,000,000. Of the money for library books, one-half is accounted for in seven universities—Cal-

ifornia, Minnesota, Illinois, Cornell, Ohio State, Missouri, and Wisconsin.

FINANCIAL REPORTING.—Financial data as reported by colleges and universities in the past have been invalid for comparative purposes. Until very recently budget systems were not common in the colleges, and inadequate accounting was employed. With many different and individual systems of keeping college records, few standards have been developed. Where one college includes under student fees all moneys paid by students to the college treasurer including board and room, another college reports only fees for instruction.

Until 1925 it was not possible to obtain adequate figures on college expenditures. In that year however the Office of Education attempted to gather expenditure statistics from the land-grant colleges and these data were published in Bulletin 1925, No. 44. Similar improved data have been published annually since that time.

In 1930 the national committee on standard reports for institutions of higher education was organized to "formulate principles to be followed in the preparation of financial and statistical reports of universities and colleges." In cooperation with the United States Office of Education and the General Education Board the committee began an intensive study of current practices as indicated in the financial reports of 363 colleges and universities. A wide variation was found in the presentation of the same facts. In the committee's published report (1930) "A study of financial reports of colleges and universities in the United States" these variations were discussed. In July, 1931, the committee published "Suggested forms for Financial Reports of Colleges and Universities," copies of which may be obtained through Lloyd Morey, comptroller, University of Illinois, Urbana, Ill. In January, 1932, illustrations of the use of financial report forms recommended were published by the committee.

ENDOWMENT, STUDENT LOANS, AND DEBT SERVICE.—Total endowment funds as of June 30, 1931, amounted to \$124,521,151 of which 3.3 per cent were net additions during the year. These funds are indicated in Table 9. Institutions with the largest endowments are Massachusetts Institute of Technology, \$33,000,000; Cornell, \$24,000,000; University of California, \$16,000,000; University of Minnesota, \$10,000,000; Rutgers University, \$5,000,000; University of Washington, \$3,000,000; and 10 others varying from \$1,000,000 to \$3,000,000. In 36 institutions endowments have not yet reached a million dollars.

Student loan funds now amount to more than \$2,500,000, an increase of \$330,933 during the year. Sixteen institutions have no student loan funds, but more than \$100,000 is available in each of the following: California, Illinois, Minnesota, Missouri, New Hampshire, Pennsylvania, Tennessee, and Vermont.

Debt service in the land-grant colleges is summarized as follows:

23 institutions—clear of debt.	
33 institutions—loans unpaid July 1.....	\$5, 137, 499
24 institutions—borrowings made during year.....	3, 625, 702
32 institutions—repayments made during year.....	2, 230, 930
29 institutions—balance of borrowings unpaid June 30, 1931.....	6, 532, 271

RECEIPTS.—*For educational purposes* (excluding auxiliary enterprises) nearly \$137,000,000 was received; these moneys are detailed in Table 10 for each institution and are summarized as follows:

	Amount	Per cent
Federal funds.....	\$17, 276, 411	12.5
State funds.....	77, 879, 851	56.2
County funds.....	4, 203, 341	3.0
Private gifts.....	4, 613, 972	3.3
Students tuitions and fees (instructional).....	18, 511, 145	13.4
Income from endowments.....	3, 636, 336	2.6
Sales and services.....	8, 906, 177	6.4
Other sources for educational purposes.....	3, 621, 244	2.6

Total:

Current expenses \$125,361,087 (90.4 per cent).....	138, 648, 477	100.0
Capital outlays \$13,287,390 (9.6 per cent).....		

For auxiliary enterprises.—Most colleges operate certain business enterprises for the benefit of students or faculty or both which are not related to instruction as such. Student bookstores, student unions, dormitories, dining halls, infirmaries, and similar commercial projects furnish income which is usually applied to operation of the project with perhaps a little for educational purposes. Following the recommendation of the national committee on standard reports for institutions of higher education, the operations of these enterprises appear separately from educational activities. Six items are summarized and "other services" include such enterprises as garage, mimeograph bureau, stock room, forestry care, aquarium, tenant properties, department transfers, university press, dairy manufacturing laboratory, university laundry, serum plant, supply department, hotel, theater, and other projects managed by individual institutions for convenience or profit.

For auxiliary enterprises: From—

	Amount
Resident halls.....	\$4, 024, 493
Dining halls.....	4, 102, 670
Student infirmaries.....	622, 694
Bookstores.....	872, 367
Athletics.....	3, 773, 458
Student unions.....	932, 599
Other services.....	8, 399, 674

Total:

For current expenses \$20,756,612.....	22, 717, 956
For capital outlays \$1,961,343.....	

Total receipts.—What sources of revenue are most important to each institution are shown in percentages in Table 10. For instance Federal funds represent 56.1 per cent of the receipts of Alaska Agricultural College, while in Massachusetts Institute of Technology (privately controlled) Federal funds are only six-tenths of 1 per cent, and no funds are received from State or other public sources. Three-fourths of the income of the University of Illinois is derived from State sources, and the University of Puerto Rico receives 78 per cent of its income from Puerto Rico. In four institutions, student tuition and other fees represent more than a fifth of the income—Massachusetts Institute of Technology, 33.2 per cent; University of Vermont, 26.4 per cent; University of Maryland, 23 per cent; and Rutgers University, 22 per cent.

Total receipts for all purposes amounted to \$161,366,432 in 1930-31. Of this total 77.7 per cent was received for current expenses and 8.2 per cent for capital outlays for educational purposes; 12.9 per cent (current expenses) and 1.2 per cent (capital outlay) was received for auxiliary enterprises.

Expenditures are likewise divided into two parts—those for educational purposes and those for auxiliary enterprises with amounts for current expenses and capital outlays shown. (Table 10.) For all purposes a total of \$162,264,414 was expended in 1930-31.

Table 1.—COMPARATIVE SUMMARY of 69 land-grant colleges, year ended June 30, 1931

Staff, students, and finances	52 land-grant colleges attended by white students	17 Negro land-grant colleges	Total 69 land-grant colleges
1.	2.	3.	4.
I. STAFF			
Professors, instructors, extension workers, and experiment station staff.....	26, 252	834	27, 086
II. STUDENTS			
Of college grade: Total.....	300, 392	5, 497	314, 889
Resident undergraduates.....	164, 049	5, 497	169, 546
Graduate students.....	15, 883		15, 883
Summer session, 1930.....	65, 860		65, 860
Nonresidents.....	82, 154		82, 154
Military education and drill.....	55, 053		55, 053
Not of college grade:			
Nonresident students.....	330, 860	2, 583	333, 443
In practice schools.....	3, 224	2, 082	5, 306
Secondary students:			
Term time.....	3, 117	2, 877	5, 994
Summer, 1930.....	1, 314	8, 158	9, 472
In courses of less than 10 days.....	73, 753		73, 753
In short courses.....	10, 019		10, 019
III. DEGREES			
First degrees.....	27, 529	529	28, 058
Master's.....	3, 793		3, 793
Doctor's.....	670		670
Advanced engineering.....	232		232
Honorary.....	91		91

Table 1.—COMPARATIVE SUMMARY of 69 land-grant colleges, year ended June 30, 1931—Continued

Staff, students, and finances	52 land-grant colleges attended by white students	17 Negro land-grant colleges	Total 69 land-grant colleges
1	2	3	4
IV. LIBRARIES			
Number of bound volumes.....	9,383,218	130,020	9,513,238
V. PROPERTY			
Value of:			
Library books.....	\$20,523,046	\$234,785	\$20,757,831
Apparatus, machinery and furniture.....	61,477,593	1,503,472	62,981,065
Live stock.....	2,561,399	71,091	2,632,490
Campus and grounds.....	60,471,854	1,412,862	61,884,716
Buildings (excluding dormitories).....	198,937,014	6,197,939	205,134,953
Dormitories.....	29,403,962	3,576,170	32,980,132
Miscellaneous property.....	17,520,219	812,427	18,332,646
Total value of property.....	390,894,587	13,808,746	404,703,333
VI. ENDOWMENTS			
Federal.....	\$2,436,520	500,377	\$2,945,897
State.....	2,114,110	844	2,114,954
Others.....	89,970,521		89,970,521
Total.....	124,521,151	510,221	125,031,372
VII. MEDIAN SALARIES			
Presidents: Cash and perquisites.....	11,500		
Deans (9-month basis).....	5,036		
Professors (9-month basis).....	4,513		
Associate professors (9-month basis).....	3,362		
Assistant professors (9-month basis).....	2,837		
Instructors (9-month basis).....	2,066		
VIII. 1862 LAND-GRANT FUNDS			
Amount of funds (cash).....			22,149,857
Value of unsold lands.....			6,526,512
Income on invested funds.....	1,013,846	24,534	1,038,400
Income from rentals.....	72,236		72,236
Interest on deferred payments.....	17,735		17,735
IX. OTHER FEDERAL LAND GRANTS			
Amount of funds (cash).....			10,839,883
Value of unsold lands.....			5,961,545
Income for 1930-31.....	480,907	5,777	486,684
X. MORRILL-NELSON FUNDS			
Appropriation, year ended June 30, 1931.....	2,300,122	249,878	2,550,000
Interest.....	1,979	345	2,324
XI. INCOME AND RECEIPTS			
Federal funds.....	17,276,411	336,819	17,613,230
State funds.....	77,879,851	2,107,007	79,986,858
Private gifts.....	4,613,972	192,941	4,806,913
Student fees.....	18,511,145	264,626	18,775,771
Auxiliary enterprises.....	22,717,955	944,199	23,662,154
Miscellaneous.....	20,367,098	172,340	20,539,438
Total receipts.....	161,366,432	4,017,932	165,384,364
XII. EXPENDITURES			
Current expense:			
Education and general.....	117,635,036	2,269,444	119,904,480
Auxiliary enterprises.....	23,004,861	777,485	23,782,346
Capital outlays:			
Education and general.....	10,257,332	958,688	10,216,020
Auxiliary enterprises.....	2,367,185	127,901	2,495,086
Total expenditures.....	163,264,414	4,133,518	167,397,932

LAND-GRANT COLLEGES AND UNIVERSITIES

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Table 2.—STAFF—Members of administrative and instructional staff in institutions attended by white students, year ended June 30, 1931

Land-grant Institution located in—	General adminis- tration		Resident instruction				Exten- sion instruc- tion, total full-time staff		Research total full-time staff		Grand total			
			College, pro- fessional, and graduate		Total on full time						Entire staff		Number on full- time	
	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Alabama.....	25	5	136	7	124	18	90	51	44	2	205	72	290	71
Alaska.....	4	3	15	4	10	3					15	6	15	6
Arizona.....	19	5	125	42	84	33	22	9	15		173	56	129	46
Arkansas.....	16	3	122	20	92	16	90	69	1		208	109	190	87
California.....	59	5	1,371	359	1,289	366	114	38			2,125	622	1,462	409
Colorado.....	11	11	95	28	116	25	50	17	19	1	273	71	244	63
Connecticut.....	22	14			65	11	39	24	9	6	107	36	73	34
Delaware.....	8	4	60	22	47	19	6	7	14		84	31	81	28
Florida.....	24	12	171		183	19	61	46	67	1	365	104	296	79
Georgia.....	15	4	68	20	69	22	159	105	11	8	279	154	238	131
Hawaii.....	14	6	100	22	49	14	9	6	41	9	108	34	108	34
Idaho.....	15	3	109	30	58	17	41	10	14	2	152	52	121	32
Illinois.....	41	17	975	161	610	123	19	15	84	9	1,175	206	753	164
Indiana.....	20	4	303	26	273	26	132	23	93	4	550	87	550	87
Iowa.....	19	9	367	105	243	84	169	45	50	3	508	137	404	101
Kansas.....	18	10	237	86	166	68	119	49	12	2	387	139	367	131
Kentucky.....	6	2	203	30	210	44	128	43	45	8	500	111	389	97
Louisiana.....	19	5	135	37	130	36	88	51	52	1	296	95	289	93
Maine.....	19	11	139	29	123	24	29	23	16	10	206	81	177	66
Maryland.....	20	11	437	34	107	31	2		15	1	581	86	212	75
Massachusetts:														
Amherst.....	9	2	93	8	93	8	47	38	47	13	201	60	187	59
Cambridge.....	17	1	458	3	437	6			96	2	565	8	533	8
Michigan.....	16	9	237	53	178	42	126	32	41	7	404	92	404	92
Minnesota.....	48	19	620	144	503	128	106	26	47	5	1,378	359	691	173
Mississippi.....	16	1	103		68		111	82	29	3	272	86	224	86
Missouri.....	43	33	308	51	725	55	99	27	21	1	474	114	430	88
Montana.....	9	4	70	21	64	19	37	16	25	2	165	44	130	30
Nebraska.....	21	9	309	126	266	108	69	24	14		424	172	349	137
Nevada.....	11	5	62	13	49	10	13	6	16	1	105	28	81	20
New Hampshire.....	14	1	133	23	107	15	32	20	21		204	46	170	37
New Jersey.....	26	5	224	66	164	63	48	30	55	10	435	147	284	108
New Mexico.....	9	4	40	8	25	7	29	14	8	1	85	27	69	24
New York.....	43	19	716	53	464	45	144	57	34	2	827	90	624	82
North Carolina.....	24	3	146				130	70	21	0	336	76	290	73
North Dakota.....	15	6	102	26	59	17	48	15	31	8	199	55	145	39
Ohio.....	27	9	597	100	514	76	136	34	62	3	859	163	797	119
Oklahoma.....	19	7	197	63	196	65	109	72	13	3	368	161	337	147
Oregon.....	28	8	224	64	220	67	61	12	37	1	366	91	333	87
Pennsylvania.....	36	23	440	39	503	77	156	56	36	1	752	160	731	157
Puerto Rico.....	17	12	78	27	84	45					108	67	94	66
Rhode Island.....	11	4	38	11	32	5	6	5	14	1	62	19	3	2
South Carolina.....	18	6	106	1	93	6	91	0	32	2	280	14	234	14
South Dakota.....	22	4	74	21	42	22	50	19	1	2	144	41	143	40
Tennessee.....	31	29	353	82	190	65	119	63	34	2	543	164	351	156
Texas.....	34	9	199		206	249	164	97	6	5	564	179	586	179
Utah.....	10	2	69	21	39	19	24	10	14	1	127	36	123	34
Vermont.....	14	14	158	31	104	23	23	24	9	2	230	82	145	72
Virginia.....	25	3	130	6	90	3			9	0	310	71	307	70
Washington.....	29	28	178	55	135	43	43	17	23	2	291	109	250	85
West Virginia.....	28	9	190	38	190	28	24	20	12	1	358	83	254	68
Wisconsin.....	62	11	519	116	218	104	141	37	9	6	775	211	656	177
Wyoming.....	18	6	80	32	74	47	31	15	11		151	79	124	67
Total.....	1,144	449	12,416	2,334	9,778	2,237	3,068	1,636	1,521	144	20,860	5,392	16,472	4,407

Table 3.—DISTRIBUTION OF SALARIES of full-time faculty members in institutions attended by white students, year ended June 30, 1931

Salaries paid for academic year ended June 30, 1931	Instructors— Number on basis of—		Assistant professors— Number on basis of—		Associate professors— Number on basis of—		Professors— Number on basis of—		Deans— Number on basis of—	
	9 months	11 months	9 months	11 months	9 months	11 months	9 months	11 months	9 months	11 months
1	2	3	4	5	6	7	8	9	10	11
\$10,000 and more							5	5	1	11
\$9,750 to \$9,999										
\$9,500 to \$9,749							2	1		
\$9,250 to \$9,499										
\$9,000 to \$9,249							6	2	1	12
\$8,750 to \$8,999										
\$8,500 to \$8,749							2	2		5
\$8,250 to \$8,499										
\$8,000 to \$8,249		1					11	6		9
\$7,750 to \$7,999										2
\$7,500 to \$7,749					2		27	17		18
\$7,250 to \$7,499							1		1	1
\$7,000 to \$7,249							40	25	3	14
\$6,750 to \$6,999							1	1	1	2
\$6,500 to \$6,749				1	1	1	56	23		25
\$6,250 to \$6,499							8	2		1
\$6,000 to \$6,249			1			4	115	59	6	37
\$5,750 to \$5,999				1	1		10	3	3	1
\$5,500 to \$5,749			4	1	3	5	93	59	3	22
\$5,250 to \$5,499					4	7	45	18	4	*9
\$5,000 to \$5,249			6	2	16	10	220	117	*17	42
\$4,750 to \$4,999				2	6	8	78	81	2	6
\$4,500 to \$4,749		2	14	11	13	22	*200	193	6	25
\$4,250 to \$4,499		3	2	9	15	17	93	*82	5	12
\$4,000 to \$4,249	1	2	44	24	66	80	278	232	9	28
\$3,750 to \$3,999	4	2	30	20	94	59	146	141	1	3
\$3,500 to \$3,749	8	7	125	73	148	137	194	161	2	4
\$3,250 to \$3,499	10	12	125	108	*147	*87	74	42	2	2
\$3,000 to \$3,249	12	60	356	222	189	156	73	59	1	3
\$2,750 to \$2,999	49	45	*198	*116	72	92	20	15	1	
\$2,500 to \$2,749	214	127	392	208	82	43	16	7	1	1
\$2,250 to \$2,499	276	146	192	84	24	22	2	2	2	1
\$2,000 to \$2,249	*751	*261	151	60	13	7	6	5	1	7
\$1,750 to \$1,999	545	160	18	39				2	1	
\$1,500 to \$1,749	293	82	5	1	1	1		1		1
Up to \$1,499	109	72	9	5	2	1	1	1		10
Number of cases (total 11,190)	2,305	982	1,672	987	899	759	1,826	1,394	73	323
Per cent of cases	20.6	8.8	14.9	8.8	8.0	6.8	16.3	12.2	0.7	2.9
Q ₃	\$2,274	\$2,530	\$3,202	\$3,261	\$3,743	\$3,847	\$5,215	\$4,996	\$5,484	\$6,682
Median*	2,066	2,168	2,837	2,957	3,362	3,414	4,513	4,293	5,036	5,457
Q ₁	1,829	1,893	2,527	2,569	3,041	3,038	3,871	3,832	4,174	4,494

* Median—that point above and below which one-half of the number of cases fall.

Q₃—third or upper quartile point.Q₁—first or lower quartile point.

Table 4.—STUDENT ENROLLMENT—In institutions attended by white students, year ended June 30, 1931

Land-grant institution located in—	Resident students in regular college work						Nonresident students in courses for college credit ¹		Grand total	
	Undergraduate		Graduate		Total, including special students ¹					
	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women
1	2	3	4	5	6	7	8	9	10	11
Alabama.....	1,629	193	65	23	1,705	221	277	832	2,706	1,396
Alaska.....	72	28			90	41			90	41
Arizona.....	1,173	736	86	67	1,324	840	218	572	1,712	1,626
Arkansas.....	1,225	582	27	15	1,252	600	539	1,052	1,861	2,148
California.....	8,341	8,061	1,446	1,263	9,857	9,378	11,301	11,000	22,623	24,249
Colorado.....	1,034	441	21	16	1,083	496	45		1,536	872
Connecticut.....	411	169	4		420	175			420	175
Delaware.....	477	289	3		480	289	11	95	531	682
Florida.....	2,196	4	112	7	2,372	16	1,000	4,394	3,925	5,273
Georgia.....	953	244	41	11	995	255	26	28	1,308	1,396
Hawaii.....	554	444	50	50	601	491	118	278	812	965
Idaho.....	1,254	637	67	22	1,328	662	172	223	1,550	912
Illinois.....	9,076	3,121	949	299	10,022	3,445	46	95	10,784	4,253
Indiana.....	3,746	634	249	42	4,016	741	142	38	4,371	872
Iowa.....	3,039	1,143	382	134	3,488	1,278	76	67	3,954	1,848
Kansas.....	2,054	946	152	94	2,232	1,064	411	472	2,965	1,980
Kentucky.....	2,166	1,052	192	146	2,379	1,272	314	1,194	3,513	3,404
Louisiana.....	1,538	641	63	33	1,633	689	195	367	2,009	1,350
Maine.....	1,154	397	30	21	1,220	431	34	89	1,367	640
Maryland.....	2,298	443	144	34	2,500	500	151	67	2,784	1,004
Massachusetts:										
Amherst.....	502	163	56	9	561	172			626	261
Cambridge.....	2,576	38	525	14	3,156	53			3,700	130
Michigan.....	2,142	996	184	55	2,335	1,097	4	56	2,681	1,336
Minnesota.....	7,548	4,762	1,104	450	8,652	5,212	4,631	5,391	13,646	11,784
Mississippi.....	1,431	10	45	4	1,523	14			1,523	14
Missouri.....	3,215	1,279	296	188	3,517	1,496	700	1,726	5,321	4,141
Montana.....	783	359	47	15	830	374			830	374
Nebraska.....	3,835	2,484	317	218	4,200	2,753	717	1,829	4,942	5,110
Nevada.....	605	397	33	47	658	447			671	552
New Hampshire.....	1,080	448	37	18	1,140	506			1,216	573
New Jersey.....	1,628	1,145	103	14	1,746	1,159	2,435	2,559	4,571	4,419
New Mexico.....	342	141	1		350	151	1	25	409	269
New York.....	3,911	1,196	799	221	4,708	1,439			5,718	2,343
North Carolina.....	1,786	93	83		1,913	93	1,893		2,852	349
North Dakota.....	1,061	417	23	17	1,086	440	471	230	1,610	821
Ohio.....	7,649	2,989	1,085	466	8,836	3,580			10,225	4,901
Oklahoma.....	2,377	1,193	182	65	2,634	1,365	346	495	3,209	2,604
Oregon.....	2,408	1,113	95	42	2,532	1,162	67	80	2,847	1,666
Pennsylvania.....	3,627	646	230	38	4,014	771	2,204	5,928	7,489	8,668
Puerto Rico.....	863	806	1	9	867	820			1,145	1,438
Rhode Island.....	489	140	2		502	144			502	144
South Carolina.....	1,344		5		1,349				1,349	
South Dakota.....	817	344	29	6	817	344			846	397
Tennessee.....	2,440	1,064	50	50	2,567	1,174	486	456	3,752	2,742
Texas.....	2,438		68		2,534		50		2,982	86
Utah.....	835	502	55	13	931	523	219	190	1,352	845
Vermont.....	708	439	18	8	732	455			800	1,228
Virginia.....	1,441	72	93	7	1,538	79			1,847	128
Washington.....	2,205	1,219	108	54	2,328	1,279	489	768	3,003	2,259
West Virginia.....	1,808	948	280	186	2,128	1,222	63	35	2,257	1,376
Wisconsin.....	5,668	3,250	913	390	6,339	3,662	6,698	4,963	14,426	10,929
Wyoming.....	705	484	25	22	775	559	1,562	1,600	1,844	1,884
Total.....	114,707	49,342	10,977	4,906	126,794	55,429	36,161	45,993	180,515	128,877

¹ Excluding duplicates.² Estimated.

Table 5.—ENROLLMENT BY MAJOR COURSES OF STUDY—

Land-grant institution located in—	Engineering courses										Total		Agriculture	Forestry
	Agricultural	Architectural	Chemical	Civil	Electrical	Mechanical	Mining	Other	Un- classified students	Men	Women			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	
Alabama.....		32	150	94	315	210		56		854	3	250		
Alaska.....				22			30			51	1	3		
Arizona.....				59	77	62	45		21	264	0	77		
Arkansas.....			10	30	30	22			205	205	2	97		
California.....				247	303	292	136		240	1,218	0	422	78	
Colorado.....				26	47	25			239	337	0	249	123	
Connecticut.....					68					68	0	117		
Delaware.....			38	35	64	4				185	0	25		
Florida.....			32	39	70	31		6	128	306	0	215		
Georgia.....				43	18					61	0	220	63	
Hawaii.....				67				13		80	0	56		
Idaho.....	6		29	53	99	51	33			271	0	161	102	
Illinois.....		185	198	361	450	377	22	244		1,835	2	573		
Indiana.....			393	550	791	1,115				2,836	3	341	59	
Iowa.....	66	112	284	252	422	303		57	200	1,601	5	626	125	
Kansas.....	65	159	75	229	322	180		8		936	2	434		
Kentucky.....				53		114	12	14	430	617	6	188		
Louisiana.....	3		103	45	167	56		126	10	510		247	40	
Maine.....			135	139	141	158			18	591	0	102	113	
Maryland.....				37	30	22			231	319	1	164		
Massachusetts:														
Amherst.....												183		
Cambridge.....		67	265	201	422	328	87	404	56	1,880	10			
Michigan.....	2		86	112	96	118			243	656	1	423	53	
Minnesota.....	16	243		250	440	225	177	297	186	1,799	35	313	227	
Mississippi.....				51	83	45		5	342	526	0	512		
Missouri.....	10		137	243	203	156	116	93	66	1,024	0	295		
Montana.....			73	49	197	100		20		443	2	189		
Nebraska.....	23	55	53	119	139	131		1	258	775	4	362		
Nevada.....				42	55	40	56			223	0	39		
New Hampshire.....			88	77	93	80			72	380	0	64	40	
New Jersey.....				54	46	26		30	84	240	0	138		
New Mexico.....			20	42	53	46			48	208	1	69		
New York.....				(¹)	(¹)	1,046				1,043	3	831		
North Carolina.....		55	152	83	222	159	7	242		920	0	229	64	
North Dakota.....		15	14	53	20	41			163	306	0	216		
Ohio.....		195	247	356	325	382	29	402	33	2,050	8	606		
Oklahoma.....	15	90	88	175	285	230		71		940	5	469		
Oregon.....			126	88	145	123	37	84	242	840	5	364	182	
Pennsylvania.....	3	98	133	187	393	259	40			1,127	0	424	131	
Puerto Rico.....			16	39	5	27		66	8	156	5	140		
Rhode Island.....			29	58	36	57			104	284	0	22		
South Carolina.....				51	79	31		170	340	671	0	431		
South Dakota.....				17	41	8			201	266	1	169		
Tennessee.....	1		61	79	156	80		169		544	2	224		
Texas.....	25	128	189	261	433	302		194		1,532	0	545		
Utah.....				187		(¹)				137	0	304		
Vermont.....				137						137	0	34		
Virginia.....	47	48	137	103	278	149	22	76		859	1	132		
Washington.....	12	63		70	195	132	121	44	9	631	15	283	(¹)	
West Virginia.....			86	70	113	57	25	17		367	1	150		
Wisconsin.....			171	278	339	302	38			1,123	5	329		
Wyoming.....				41	57	33	30		20	181	0	99		
Total.....	294	1,445	3,593	5,903	8,315	7,853	1,072	3,059	4,197	35,002	129	13,123	1,400	
Per cent.....	0.2	0.8	2.1	3.5	4.9	4.6	0.6	1.8	2.4	20.8	0.1	7.7	0.8	

¹ Includes landscape architecture.² Included in mechanical engineering.³ Included in civil engineering.

LAND-GRANT COLLEGES AND UNIVERSITIES

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In institutions attended by white students, year ended June 30, 1931

Veterinary	Home economics	Arts and sciences	Architecture	Commerce and business	General education	Vocational education	Fine arts	Music	Journalism	Law	Dentistry	Medicine	Pharmacy	Miscellaneous and special	Total excluding duplicates	
															Men	Women
15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
43	80	140	108	167	253								30		1,705	221
	3	6		29	10									31	90	41
	53	730		254	383			55		89				102	1,238	773
	127	768		88	209			10		53					1,225	582
	292	9,472	160	1,215	2,825		409	192		379	175	202	286	467	8,411	8,115
112	294	219						77							1,062	490
	111	284				13								11	416	175
	58	390				55									437	289
		544	54	518	298				67	204			47	69	2,260	9
46	166	235	16	323			16						15	149	954	244
	6	288		103	400										551	441
	87	474	12	347	314			34		35				70	1,261	640
	309	3,845	258	2,205	934	113		159	116	272	147	582	703	259	9,073	3,146
	446	462				25							103	195	3,767	699
238	904	387	179			77			26					18	3,106	1,144
121	464	317	82	271				70	158					232	2,080	970
	125	1,339		378	447	98				118				95	2,187	1,126
	79	703		200	172			74	68	86				47	1,570	656
	106	610			29									49	1,190	410
	80	637			120	24				131	411	409	333	193	2,356	466
	52	366		30	34									3	506	163
		259	183	338											2,631	39
47	457	925		310				88						248	2,151	1,042
	543	5,279		534	1,019					256	265	706	150	1,167	7,549	4,762
		238		53	12	102								47	1,478	10
	88	1,777		219	421		45	77	317	135		73		165	3,219	1,308
	125	195	28	158			51							43	830	374
	265	1,472		866	1,254		336	260	202	148	120	332	97	237	3,883	2,535
	43	658				39								23	625	400
	78	837	34	152	6										1,103	488
	104	1,810			79								352	65	1,643	1,145
	43	122		41		1		15							349	151
162	595	2,012	181							142		248			3,909	1,218
		63		346	139	165								44	1,830	93
	188	320	48		188								100	118	1,061	423
158	349	2,264		2,244	2,049					291	209	360	182	398	7,750	3,114
	332	759		784	454										2,452	1,300
	442			965		549							145	101	2,437	1,120
	182	810	63	514	477	124	371		24				270	3,784	733	
	99	249		164	571					64			85	194	866	811
	97	137		89										15	500	144
		87	48			44								68	1,349	
	139	244		195				4	44				86	51	788	338
	263	969		305	175					60	157	411	163	377	2,517	1,124
26		275	128			120								56	2,683	
	114	292		220	270									49	876	510
	78	746										152		93	714	526
	28	138		272		83								4	1,445	72
74	230	1,280			322		152	134					98	226	2,220	1,225
	160	1,442			116			54		166		127	39	263	1,648	1,036
	325	5,012		292	215	209		147	141	324		316	84	468	5,429	3,272
	60	321		163	243			3		76				141	750	537
1,037	9,359	53,228	1,480	15,353	15,410	1,893	1,380	1,453	1,163	3,029	1,484	4,192	3,057	7,062	116,110	50,650
0.6	5.6	31.1	0.9	9.0	9.0	1.1	0.8	0.8	0.7	1.8	0.9	2.5	1.8	4.1	170,834	

* Included in agriculture.

* Excludes 2,377 men and 1,697 women duplicates; base 100 per cent is 170,834.

Table 6.—DEGREES, Part I—Baccalaureate and advanced degrees conferred by institutions attended by white students, year ended June 30, 1931

Land-grant institution located in—	Agriculture				Forestry (men)	Veterinary (men)	Home economics (women)	Arts and sciences				Architecture		Commerce and busi- ness		Education, general				Vocational education		Music		Journal- ism		
	First degrees		Master's (men and women)	Doctor's (men and women)				First degrees		Master's (men and women)	Doctor's (men and women)	Men	Women	Men	Women	Men	Women	Master's (men and women)	Doctor's (men and women)	Men	Women	Men	Women	Men	Women	
	Men	Women						Men	Women																	
1	3	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Alabama.....	41					6	22	22	3	8		10				35	21	12								
Alaska.....																										
Arizona.....	11		1				5	48	32	18						9	70	8					1			
Arkansas.....	21	21	3					48	44	14						18	29	2					4			
California.....	78	3	29	6			67	619	918	282	61	21	3	173	21	38	367	49	9			109	17	35		
Colorado.....	27		3		15	15	36	19	6	1								7								
Connecticut.....	23							43	6	2																
Delaware.....	3		1				10	31	37																	
Florida.....	17		10					36				9				22	9									
Georgia.....	32		4		11	7	42	28	7	23	5	3	1	43	1			8			2					
Hawaii.....	4																									
Idaho.....	23	1	2		20		11	19	46	12	13					22	57	6								
Illinois.....	83	3	13	5			45	390	292	152	56	22	1	291	23	148	234	58	3				1	3		
Indiana.....	63		10		10		60	40	36	23	5							1					6	5	23	20
Iowa.....	81	2	32	11	19	38	283	55	29	27	27	9	3					19								
Kansas.....	64		20			15	78	20	47	35		6														
Kentucky.....	22		4				23	89	98	66																
Louisiana.....	37				9			53	63																	
Maine.....	20	1	3		10		19	59	58	15																
Maryland.....	29	1	19	9			19	64	16	21	3							4								
Massachusetts.....																										
Amherst.....	32	3					9	30	13	9	4															
Cambridge.....								43		21	10	18	2			13		5								
Michigan.....	68	1	13	5	15	8	71	83	58	31	3															
Minnesota.....	35	1	35	20	38		92	145	208	98	37					93	388	57	4							
Mississippi.....	39		2					42		7						12										

	37	23	1	13	145	80	74	6	2	59	20	38	238	107	8	8	2	8	66
Missouri.....	23	3		16	11	22	92	5	8	98	14	50	215	37	2	5		79	66
Montana.....	45			61	122	131	6			198						60		18	13
Nebraska.....	6			5	53	53	6		5	30									
Nevada.....	9		4	12	71	82													
New Hampshire.....																			
New Jersey.....	28	12	4	28	210	206	21	1				52	138	27	1	+			
New Mexico.....	6			1	3	11				4									
New York.....	96	12	10	108	299	159	166	90	27	7				8					
North Carolina.....	24	8	14	29	6	8	6			46		13	7	8					
North Dakota.....	34	1		47	10	8	1		9			25	23	1					
Ohio.....	82			68	234	119						63	241						
Oklahoma.....	67	23		32	48	47	36			203	46	21		15					
Oregon.....	47	1	24	58	24	47	7			38	7	21	34	5					
Pennsylvania.....	86	15	1	33	123	28	44	7	12	102	39	77	126	41	1	63			
Puerto Rico.....	24			3	27	13	3			97	2	7	32			55			
Rhode Island.....	4	1		18	13	7				5									
South Carolina.....	67									15	1								
South Dakota.....	19	3		22	16	12	3		6						21				
Tennessee.....	26	5		43	42	69	37			17	13	21	45	17				3	
Texas.....	110	12	6	40	40		3		17	34				8					
Utah.....	42	11	6	16	28	19	1			23	4	9	23	1					
Vermont.....	6			18	82	83	11												
Virginia.....	17	4		2	13	3	3			36	4			2					
Washington.....	37	1	3	40	104	62	24					56	64	13		23	5	14	
West Virginia.....	23			25	197	94	68			11			26					12	
Wisconsin.....	56	2	27	64	418	479	205	92		104	9	7	21	88	4	6	29	26	26
Wyoming.....	19	4		5	31	30	6			8	5			8		1			
Total.....	1,892	346	92	1,628	4,394	3,823	1,630	407	184	1,932	277	934	2,613	630	32	325	128	168	149
Per cent.....	7.1		0.8	5.9	20.0		0.7		0.7	8.0		12.9				1.0	0.7	1.2	

Includes 6 men.

Men.

Includes 21 men.

Includes 3 men.

Includes 7 men.

LAND-GRANT COLLEGES AND UNIVERSITIES

Table 6.—DEGREES, Part II—Baccalaureate and advanced degrees conferred by institutions attended by white students, year ended June 30, 1931

Land-grant institution located in—	Engineering (men)										Law	Medicine		Dentistry		Pharmacy	Miscellaneous				Total degrees								
	First degrees								Advanced	Master's		Men	Women	Men	Women		Men	Women	First degrees	Master's, men and women	Doctor's, men and women	Master's, men and women	Doctor's, men and women	Advanced engineering	Honorary				
	Agricultural	Architectural	Chemical	Civil	Electrical	Mechanical	Mining	Miscellaneous																					
Alabama.....	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	
Alaska.....		5	16	27	47	28		2	7	5							3							240	47			5	1
Arizona.....				14	13	6	8		4	3	20													153	113			3	2
Arkansas.....			4	10	7	3			7		7		32											182	101			2	2
California.....				04	56	43	18		23	2	75	3	49	7	51	1	74	9	36	12	9	4		1,418	1,848	342	80	2	11
Colorado.....					8	10	13																	110	44				
Connecticut.....			2	6	8	8			1	4									2	8				76	28	2			
Delaware.....			4	15	17	6		7			47						4				3			58	56	2			
Florida.....			4	4	4															8	3			229	61	44			
Georgia.....																	1							133	61	12			
Hawaii.....				6																				78	72	19			
Idaho.....		1	3	7	20	2	1		2	3	7									1	2			172	119	27			
Illinois.....		36	11	68	66	52	3	43	42	9	97	2	119	7	46	1	143	9	7	127	60	14		1,668	800	335	78	6	5
Indiana.....			36	101	116	119			13	15							25	1	1		4			516	103	51	8	14	4
Iowa.....		5	19	38	33	47	30		35	33	8									57				431	266	167	36	8	
Kansas.....		9	2	11	32	149	19		2	10	8								14	11	19			279	171	84		8	3
Kentucky.....				20	40	40	3	2	7															275	208	78	2		
Louisiana.....		1	5	8	21	5	8																	275	208	78	2		
Maine.....			14	33	22	30		7	2		17	1												202	83	21		3	5
Maryland.....			21	12	9						26		87	4	44		70	12						875	80	45	12	5	1
Massachusetts.....																													
Michigan.....		11	45	45	70	66	13	104	145	6														388	30	9	4		2
Minnesota.....		1	16	31	30	28			2	15														487	2	196	16		2
Mississippi.....		41		27	78	30	16	15	52	5	60	2	331	32	95		23	3	41	128	10	2		1,228	800	252	63	5	2

Includes 1 woman.

LAND-GRANT COLLEGES AND UNIVERSITIES

Table 7.—ENROLLMENTS AND DEGREES IN MAJOR CURRICULA—by percentages

Departments, divisions of major courses of study	Per cent of enrollment of resident students year-ended—						Per cent of first degrees conferred							
	1926	1927	1928	1929	1930	1930-31	Number, 1930-31	1926	1927	1928	1929	1930	1930-31	Number, 1930-31
	3	3	4	5	6	7	8	9	10	11	12	13	14	15
Agriculture general.....	8.0	7.4	7.4	7.9	7.8	7.7	13,123	10.0	8.5	7.6	7.8	7.4	7.1	1,946
Forestry.....	.8	.7	.7	.7	.8	.8	1,400	.7	.9	.6	.6	.6	.8	222
Veterinary medicine.....	.3	.3	.4	.5	.5	.6	1,037	.5	.4	.4	.5	.5	.6	170
Home economics.....	5.3	5.2	5.3	5.2	5.5	5.5	9,359	5.9	6.2	6.1	6.0	5.9	5.9	1,628
Arts and sciences.....	34.0	34.6	34.9	34.2	33.1	31.1	53,228	29.4	32.4	30.1	32.3	30.4	29.9	5,217
Architecture.....	.7	.8	1.0	1.0	1.1	.9	1,480	.4	.5	.5	.8	.9	.7	201
Commerce and business.....	9.0	8.4	7.9	8.2	8.6	9.0	15,353	7.4	7.4	7.2	6.8	7.0	8.0	2,209
Education general.....	7.2	8.8	10.1	10.1	8.6	9.0	15,410	8.8	10.5	12.3	12.5	12.3	12.9	3,547
Education vocational.....	.9	1.3	.7	.8	1.3	1.1	1,893	1.4	1.6	1.1	1.0	1.4	1.6	453
Engineering: (total).....	20.5	19.9	20.1	19.9	20.5	20.9	35,731	19.0	18.6	18.5	17.8	17.2	17.2	4,729
Agricultural.....	.1	.2	.2	.2	.2	.2	294	.1	.2	.2	.2	.1	.1	36
Architectural.....	.8	.7	.9	.7	.7	.8	1,445	.4	.5	.6	.6	.6	.8	219
Chemical.....	1.4	1.4	1.4	1.6	1.8	2.1	3,593	1.5	1.3	1.3	1.4	1.2	1.4	393
Civil.....	4.0	3.8	4.0	3.6	3.9	3.5	5,903	4.4	4.5	4.3	3.8	4.0	3.9	1,072
Electrical.....	6.1	5.8	5.6	4.9	5.0	4.9	8,345	5.6	5.8	6.0	6.1	5.2	5.5	1,501
Mechanical.....	3.8	3.4	3.7	4.4	4.3	4.6	7,853	4.4	3.8	3.9	3.5	3.7	3.4	940
Mining.....	.7	.6	.6	.5	.6	.6	1,072	.8	.8	.6	.5	.5	.5	130
Unclassified.....	1.7	2.6	2.9	2.5	2.2	2.4	4,197	0	.8	.6	.5	.5	.5	130
All other.....	1.9	1.4	.8	1.5	1.8	1.8	3,069	1.8	1.7	1.6	1.7	1.7	1.6	439
Fine arts.....	.4	.5	.5	.6	.6	.8	1,390	.1	.2	.5	.6	.6	1.0	262
Music.....	.6	.6	.6	.5	.7	.8	1,453	.4	.4	.4	.4	.5	.7	189
Journalism.....	.8	.8	.6	.7	.7	.7	1,163	.7	1.0	.9	.9	1.1	1.2	317
Law.....	2.3	2.1	2.1	2.0	1.9	1.8	3,029	3.0	3.7	2.9	3.1	2.8	2.7	749
Dentistry.....	1.2	1.1	1.1	1.0	1.0	.9	1,484	1.7	2.4	1.5	2.3	1.3	1.3	366
Medicine.....	2.1	2.3	2.5	2.4	2.4	2.5	4,192	4.1	3.0	4.2	3.1	4.2	3.8	1,066
Pharmacy.....	1.9	1.9	1.9	2.1	2.0	1.8	3,057	3.0	1.5	2.1	2.6	2.7	2.4	664
Miscellaneous.....	4.0	3.3	2.2	2.2	3.0	4.1	7,062	3.5	1.1	3.1	.9	3.2	2.2	613
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	170,834	100.0	100.0	100.0	100.0	100.0	100.0	27,529

Table 8.—SUMMER SCHOOLS—and MILITARY EDUCATION—year ended June 30, 1931

Land-grant institution located in—	Summer schools, 1930						Military education, 1930-31				
	Number of instructional staff		Undergraduate college students		Total students		Students enrolled 1930-31	Commissions in O. R. C. received by students	Expenditures of Federal Government		
	Men	Women	Men	Women	Men	Women			Pay and allowances of Regular Army personnel on duty with the unit	Maintenance cost	Total
1	2	3	4	5	6	7	8	9	10	11	12
Alabama.....	80	15	517	306	759	386	1,145	85	\$64,472	\$52,607	\$117,079
Alaska.....											
Arizona.....	26	7	137	177	170	214	494	31	37,916	30,812	68,728
Arkansas.....	57	12	229	695	320	771	583	27	21,529	20,230	41,759
California.....	167	32	1,657	3,513	2,524	5,325	3,123	169	118,042	75,048	193,090
Colorado.....	57	14	208	260	409	379	690	23	43,827	30,512	74,339
Connecticut.....	17	14	40	298	560	885	269	18	10,528	4,821	15,349
Delaware.....											
Florida.....	68	19	456	819	592	888	1,208	45	77,393	60,518	137,911
Georgia.....	72	42	223	1,090	359	1,217	719	64	52,732	37,457	90,189
Hawaii.....	24	5	89	276	133	351	344	21	12,548	6,379	18,927
Idaho.....	23	3	49	108	134	150	628	37	19,202	19,176	38,378
Illinois.....	154	22	909	732	1,548	1,015	3,318	167	168,917	148,105	317,022
Indiana.....	72	10	567	127	691	147	2,045	95	73,934	33,768	107,702
Iowa.....	101	60	512	479	894	763	1,600	74	76,008	34,756	110,764
Kansas.....	90	37	114	339	222	444	925	50	48,537	32,068	80,605
Kentucky.....	95	15	513	704	820	938	1,224	61	40,281	18,663	58,944
Louisiana.....	59	4	121	241	186	296	667	42	26,073	19,606	45,679
Maine.....	28	12	116	158	153	198	617	12	21,959	15,691	37,650
Maryland.....	49	16	146	442	257	488	530	22	18,909	16,032	34,941
Massachusetts:											
Amherst.....	12	1	39	78	65	89	314	9	33,099	17,183	50,282
Cambridge.....	182	3	1,553	103	1,553	103	1,472	111	64,113	39,718	103,831
Michigan.....	82	13	267	316	416	336	1,263	72	61,358	30,190	91,548
Minnesota.....	357	87	1,812	2,846	2,727	3,288	2,935	135	70,013	61,610	131,623
Mississippi.....							817	56	37,235	6,505	43,740
Missouri.....	143	31	445	1,020	1,070	1,484	1,632	58	92,590	45,716	138,306
Montana.....							423	7	15,737	10,181	25,918
Nebraska.....	115	52	581	1,517	933	1,859	1,863	42	48,604	42,802	91,406
Nevada.....	8	4	17	114	18	131	202	4	12,821	2,830	15,651
New Hampshire.....	89	8	114	153	190	220	627	39	24,657	10,386	35,037
New Jersey.....	90	25	425	788	563	872	621	34	24,233	19,668	43,901
New Mexico.....	18	6	58	93	58	93	230	16	13,092	5,039	18,131
New York.....	168	54	978	866	1,451	1,078	2,129	110	110,268	50,080	160,348
North Carolina.....	43	3	97	194	129	256	891	49	28,685	30,698	59,383
North Dakota.....	33	12	71	160	95	219	719	28	18,930	13,054	31,984
Ohio.....	167	33	1,128	1,382	2,406	1,991	3,900	143	147,348	85,395	232,743
Oklahoma.....	132	59	404	830	571	940	1,267	22	26,032	48,791	75,723
Oregon.....	48	26	142	251	500	824	1,196	66	71,867	49,063	120,930
Pennsylvania.....	165	56	947	1,824	1,271	1,069	1,888	43	49,305	57,724	107,029
Puerto Rico.....	34	25	277	604	279	611	193	5	17,837	3,611	21,448
Rhode Island.....											
South Carolina.....	13	5	57		57		312	20	12,614	10,449	23,063
South Dakota.....	26	5	81	102	120	129	550	137	31,112	44,908	76,020
Tennessee.....	73	30	477	901	699	1,112	600	31	15,573	16,642	32,215
Texas.....	87		714	86	848	86	1,726	58	27,577	15,786	43,363
Utah.....	49	12	297	206	297	206	478	185	116,180	91,567	207,747
Vermont.....	39	18	87	731	131	834	463	13	16,862	14,577	31,439
Virginia.....	40	0	238	45	314	50	1,296	34	26,964	11,004	37,968
Washington.....	34	14	89	189	243	342	1,339	142	49,893	45,759	95,652
West Virginia.....	133	23	455	493	608	620	739	35	32,006	11,575	43,581
Wisconsin.....	204	57	576	1,392	1,395	2,460	1,135	40	32,933	12,560	45,493
Wyoming.....	43	35	148	759	207	825	392	16	31,563	17,190	48,753
Total.....	3,816	1,036	19,207	28,806	30,035	38,881	55,053	2,863	2,323,260	1,600,131	3,923,391

Table 9.—ENDOWMENT, STUDENT LOANS, and DEBT SERVICE—Year ended June 30, 1931

Land-grant institution located in—	Endowment funds					Student loan funds				Debt service			
	Federal sources		State sources	Other sources	Total at beginning of fiscal year	Net additions to endowment	Total as of June 30, 1931	Total as of June 30, 1931	Net additions to funds during fiscal year	Loans unpaid July 1,	Borrowings made during year	Repayments made during year	Balance of borrowings unpaid June 30, 1931
	1862 land grant	Other land grants											
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Alabama.....	\$253,500				\$253,500		\$253,500	\$54,180	\$0,421	\$25,000			\$25,000
Alaska.....	20,542	\$672,158		\$44,216	729,850	\$7,056	736,916	6,284	6,101				
Arizona.....	132,666	74,962	\$830,750	15,169,769	15,222,684	1,616,249	16,838,933	44,594	1,246	646,140	\$1,259,443	\$71,009	1,834,574
Arkansas.....	454,464				454,464	15,450	469,914	304,664	110,014				
California.....	136,000				136,000	4,433	140,433	8,457	2,496	12,158	1,900	1,437	12,621
Colorado.....	83,000			619,675	698,232	325,488	1,023,720	19,329	2,496	13,541	6,906	2,210	17,236
Connecticut.....	164,088	131,400		40,000	325,488		325,488	87,094	12,635	57,000	106,000	99,000	63,000
Delaware.....	242,202				242,202		242,202						
Florida.....													
Georgia.....													
Hawaii.....	672,766	1,377,055		6,307	2,079,270	31	2,079,301	8,622	8	95	480	100	475
Idaho.....	649,013			350,591	999,604	20,509	1,020,113	8,622	9,112	6,738	2,921	2,247	7,413
Illinois.....	340,000			65,484	405,484	56,332	461,816	192,664	9,112	49,400			49,400
Indiana.....	592,463			102,670	695,133	22	695,155	46,193		825,600	60,800		765,000
Iowa.....										225,000		20,000	205,000
Kansas.....	505,508				505,508		505,508	55,000		100,000			100,000
Kentucky.....	144,075			40,000	184,075		184,075	30,814		120,000	116,500		116,500
Louisiana.....	182,313	136,000			318,313		318,313	10,477	306	7,865	2,666		7,467
Maine.....	118,300			767,080	885,380	3,916	889,296			68,812			68,812
Maryland.....	117,500			496,000	613,500	200,000	813,500						
Massachusetts.....													
Amherst.....	146,000		92,000		238,000		238,000						
Cambridge.....													
Michigan.....	1,056,273			33,822,000	33,822,000	672,000	34,494,000						
Minnesota.....	5,293,397				1,063,898	1,375	1,065,273	16,852	2,787				
Mississippi.....	98,575	141,212		6,166,587	10,161,412	808,572	10,969,984	221,436	46,748				

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Missouri.....	409,939	122,000	802,870	607,718	1,913,700	45,787	1,950,547	184,808	23,481	320,000	3,080	25,000	295,000
Montana.....	603,650	212,510	.....	6,000	1,826,576	-5,416	821,100	8,726	117	8,525	3,140	8,465	8,465
Nebraska.....	665,339	288,838	.....	87,118	1,033,022	8,473	1,041,495	54,725	7,883	15,671	8,444	4,640	19,473
Nevada.....	123,071	58,216	.....	154,150	334,816	621	335,437	.....	.....	.....	.....	.....	.....
New Hampshire.....	80,000	.....	.....	1,268,239	1,332,177	6,062	1,338,239	142,150	24,524	80,000	.....	80,000	.....
New Jersey.....	115,000	.....	.....	4,027,808	4,098,809	44,939	4,143,808	31,972	3,758	23,900	19,745	14,260	29,445
New Mexico.....	131,169	.....	.....	.....	128,639	2,530	131,169	.....	.....	200,000	7,000	207,000	.....
New York.....	638,576	.....	.....	24,230,452	24,020,873	898,156	24,919,028	2,539	-1,292	60,000	.....	60,000	.....
North Carolina.....	125,000	.....	.....	.....	125,000	.....	125,000	21,661	1,578	.....	.....	.....	.....
North Dakota.....	1,305,709	.....	.....	.....	1,562,114	-256,405	1,305,709	.....	.....	50,635	15,000	65,635	.....
Ohio.....	524,176	227,361	.....	402,119	1,150,299	3,337	1,153,636	64,233	1,423	.....	.....	.....	.....
Oklahoma.....	.....	2,932,900	.....	.....	2,932,900	.....	2,932,900	76,000	15,000	63,234	44,806	19,367	88,773
Oregon.....	204,563	.....	.....	16,525	218,068	3,000	221,068	58,207	2,035	418,000	.....	15,500	402,500
Pennsylvania.....	500,000	17,000	.....	.....	517,000	.....	517,000	122,796	7,279	666,750	1,235,000	602,750	1,199,000
Puerto Rico.....	.....	.....	388,490	1,359	335,375	54,474	389,849	1,326	4	88,667	.....	32,667	56,000
Rhode Island.....	50,000	.....	.....	.....	50,000	.....	50,000	.....	.....	.....	.....	.....	.....
South Carolina.....	95,900	.....	.....	58,539	154,439	.....	154,439	.....	.....	.....	.....	.....	.....
South Dakota.....	517,091	172,353	.....	.....	716,053	-26,599	689,454	.....	.....	.....	.....	.....	.....
Tennessee.....	400,000	.....	.....	52,748	452,748	.....	452,748	302,270	11,794	204,304	68,136	45,405	227,035
Texas.....	209,000	.....	.....	.....	209,000	.....	209,000	1,213	35	6,160	111,799	108,567	9,392
Utah.....	302,545	.....	.....	.....	300,993	1,993	302,545	9,140	1,021	5,727	4,505	2,603	7,569
Vermont.....	135,000	.....	.....	1,714,419	1,846,319	3,100	1,849,419	138,703	11,342	155,000	431,318	412,318	174,000
Virginia.....	344,312	.....	.....	.....	344,312	.....	344,312	42,088	.....	667,920	87,500	16,090	689,330
Washington.....	1,198,726	1,897,936	.....	.....	3,058,973	37,589	3,096,562	34,829	.....	80,932	23,873	18,597	36,207
West Virginia.....	106,300	.....	.....	.....	106,300	.....	106,300	.....	.....	.....	3,000	3,000	.....
Wisconsin.....	303,595	233,097	.....	804,908	1,022,096	319,564	1,341,660	90,969	.....	.....	.....	.....	.....
Wyoming.....	326,222	2,065,341	.....	.....	2,316,564	73,879	2,390,563	25,635	22,433	15,065	17,582	8,371	24,276
Total.....	21,676,171	10,760,349	2,114,110	59,970,521	120,450,335	4,070,816	124,521,151	2,520,528	330,933	5,137,490	3,625,702	2,230,930	6,832,271
Per cent.....	17.4	8.6	1.7	72.3	90.7	3.3	100.0	.....	.....	.....	.....	.....	.....

Table 10.—RECAPITULATION OF RECEIPTS AND EXPENDITURES (Percentages) In Institutions attended by white students, year ended June 30, 1931

Land-grant institutions located in—	Total receipts						Total expenditures						
	Receipts for educational purposes						Auxiliary enterprises	Total	Education and general		Auxiliary enterprises and expenses		Total
	Federal funds	State and county funds	Private gifts	Student fees	Income from endowments	Sales services, and miscellaneous			Current expenses	Physical plant extensions	Current expenses	Physical plant extensions	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Alabama.....	24.8	57.1	0.4	8.6		2.4	6.7	\$1,747,365	78.8	12.4	8.8		\$1,954,833
Alaska.....	56.1	19.1	3.1	1.1		1.8	19.8	107,046	91.4	2.0	6.0	1.6	130,050
Arizona.....	17.3	55.7	7.7	9.8		1.1	15.4	520,345	86.2	5.5	13.3		1,519,381
Arkansas.....	24.4	63.7	1.5	9.1		2.3		1,559,228	90.6	7.9	1.5		1,527,969
California.....	2.5	55.8	4.8	10.7	3.0	8.8	14.4	14,504,873	70.6	18.9	9.5	1.0	14,555,783
Colorado.....	22.2	53.3		8.6		11.7	4.2	1,181,544	83.3	3.4	13.3		1,191,239
Connecticut.....	18.4	41.6		5.9		12.1	22.0	1,084,204	77.3	7.1	14.8	.8	1,086,479
Delaware.....	29.7	20.6	1.4	15.7	3.9	3.2	16.5	675,647	78.2	5.8	16.0		727,402
Florida.....	8.6	66.7	.8	6.4	.1	2.0	15.4	3,012,414	65.8	14.4	16.0	4.8	2,740,494
Georgia.....	30.3	49.9	2.6	6.6		5.8	4.8	1,250,748	88.1	.03	11.9		1,268,987
Hawaii.....	17.4	50.7	6.3	13.9	.1	4.0	8.6	707,023	80.8	11.3	7.9	.01	688,792
Idaho.....	23.8	55.5		3.8		7.2	9.7	1,422,745	80.2	4.3	9.5		1,467,287
Illinois.....	5.0	73.7	1.9	9.0	.1	4.1	6.2	9,985,014	73.0	20.9	6.1		9,510,283
Indiana.....	8.3	48.2	7.9	9.5	.02	9.8	16.3	4,891,808	68.7	13.4	14.5	3.4	5,002,234
Iowa.....	10.4	62.5	1.3	11.6	.04	11.6	2.6	4,065,824	92.5	2.2	5.3		4,122,091
Kansas.....	12.7	58.1	.05	8.9		9.7	10.6	2,875,879	86.5	4.6	9.8	.1	2,915,699
Kentucky.....	16.1	61.5	.5	9.1	.1	7.2	5.5	2,690,505	74.3	20.5	5.1	.1	2,815,849
Louisiana.....	18.8	41.6		5.7	.05	17.9	16.0	1,800,506	61.3	13.6	16.9	.2	1,935,342
Maine.....	15.7	48.9		16.3	2.2	4.0	12.9	1,528,972	70.2	14.3	13.1	2.4	1,486,105
Maryland.....	8.0	42.1	.1	23.0	.2	18.6	8.0	3,180,118	67.6	23.6	8.8		3,163,192
Massachusetts:—													
Amherst.....	9.5	64.2		3.4	.2	8.7	14.0	2,055,380	69.4	15.7	14.9		1,780,205
Cambridge.....	.6		3.9	33.2	33.9	20.8	7.6	3,822,963	64.3	14.5	21.2		4,639,900
Michigan.....	11.7	57.9	.02	9.1	.2	4.7	16.4	3,756,206	60.4	13.6	17.0		3,846,206
Minnesota.....	5.5	43.4	2.9	11.5	.8	10.2	25.7	10,475,332	63.4	6.5	27.6	3.5	10,264,087
Missouri.....	22.7	42.2	.1	3.2		16.8	16.0	1,655,400	75.6	4.3	19.9	.3	1,701,345

M. Land and road

LAND-GRANT COLLEGES AND UNIVERSITIES

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Mississippi	13.3	60.0	1.7	12.9	1.0	4.6	5.7	3,511,302	84.0	4.2	11.5	3,007,297
Montana	29.0	52.6	2	4.4	.02	7.9	5.7	100,794	93.6	1.2	5.2	992,217
Nebraska	8.4	56.7	30.0	13.1	.01	7.4	11.2	4,354,248	75.9	8.9	15.2	4,181,712
Nevada	17.6	26.5	30.0	3.2	.9	3.1	9.7	1,109,899	47.4	39.7	11.8	1,040,827
New Hampshire	13.0	42.3	.4	14.3	2.2	10.1	17.7	1,547,651	67.4	10.8	21.5	1,493,919
New Jersey	6.8	40.0	8.9	22.0	5.3	4.1	12.9	4,193,441	68.3	5.6	13.7	4,431,377
New Mexico	40.5	36.8	.8	2.4	14.2	11.7	8.8	587,736	77.3	17.3	6.4	728,294
New York	5.1	36.9	4.1	18.5	.04	9.2	11.5	9,352,401	73.0	14.1	12.0	9,847,141
North Carolina	23.2	39.4	.3	12.6	.2	2.7	21.8	1,936,800	80.7	18.4	18.4	1,936,800
North Dakota	28.8	54.9	.3	5.8	.2	0.4	2.6	1,096,195	82.0	15.1	2.4	1,223,691
Ohio	4.4	61.2	.9	9.1	.2	1.8	22.4	8,958,932	67.5	13.7	18.8	9,177,709
Oklahoma	23.0	49.8	.1	3.0	.04	9.5	14.6	2,368,948	71.2	4.1	24.3	2,417,423
Oregon	9.0	60.2	.4	11.0	.04	8.2	10.3	2,867,493	84.3	4.3	10.8	2,587,795
Pennsylvania	11.5	38.4	14.7	17.2	1.4	4.4	13.8	5,355,231	65.7	13.9	13.0	5,457,432
Puerto Rico	6.4	78.3		8.2		.6	5.1	790,662	86.5	7.5	4.0	615,920
Rhode Island	29.2	37.6		1.9		2.6	28.7	602,564	79.5	4.8	20.5	588,008
South Carolina	23.5	47.9		3.2	.2	7.1	18.1	1,455,646	78.4	2	16.8	1,440,050
South Dakota	30.6	49.4		8.0		9.7	2.3	1,033,279	98.2	2	1.6	1,032,800
Tennessee	13.6	56.2	.3	13.8	.04	4.9	11.2	3,192,505	65.3	19.5	6.6	3,037,183
Texas	13.0	43.3	.4	1.3		6.9	35.1	4,833,510	60.7	8.9	20.3	4,888,486
Utah	28.5	46.2	.1	7.8	.04	4.5	12.9	806,251	82.1	4.3	13.6	823,337
Vermont	16.0	16.6	17.5	26.4	2.1	8.0	13.4	1,409,458	61.5	20.0	18.3	1,608,980
Virginia	21.8	43.1	.5	6.0		.5	28.1	1,844,832	72.5	12.9	14.6	1,908,053
Washington	16.9	42.6	.3	7.1		3.6	29.6	2,430,096	66.2	8.6	22.7	2,302,404
West Virginia	12.8	66.7	.5	11.0		2.6	6.4	2,533,615	85.2	7.2	7.6	2,517,531
Wisconsin	3.9	53.8		13.3		14.0	12.8	9,669,099	70.2	12.8	16.3	9,834,441
Wyoming	33.1	38.4	2.2	6.5	.2	6.6	13.2	1,237,572	77.2	5.1	17.7	1,171,065
Total per cent.	10.7	50.8	2.9	11.5	2.2	7.8	14.1	161,360,432	72.5	11.8	14.2	162,264,414
Median per cent.	16.1	49.4	.8	9.1	.2	6.8	12.9		75.7	8.9	13.3	

Table 11.—NEGRO LAND-GRANT COLLEGES—Staff Members; Enrollment by Courses; Graduates, Year ended June 30, 1931

Negro land-grant institutions located in—	Entire staff		Secondary-school students										Collegiate students																					
			Academic					Vocational					Military education					General		Normal		Agriculture		Mechanics		Home economics		Nursing		Total				
	Men	Women	Students	Graduates	Trades	Nursing	Home economics	Agriculture	Students	Graduates	Students	Graduates	Students	Graduates	Students	Graduates	Students	Graduates	Students	Graduates	Students	Graduates	Students	Graduates	Students	Graduates	Students	Graduates	Men	Women	Certificates	Degrees		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33		
Alabama	16	14	128	13	51	42	128	20	128	20	88	9	47	8	9	28	3	11	1	44	49	44	49	49	49	49	49	49	49	49	49	49	49	
Arkansas	23	20	57	24	74	69	224	27	224	27	17	3	12	5	24	2	3	17	3	60	82	60	82	82	82	82	82	82	82	82	82	82	82	
Delaware	8	12	83	12	42	4	141	16	141	16	83	7	33	8	30	2	2	43	2	102	178	102	178	178	178	178	178	178	178	178	178	178	178	
Florida	40	35	198	7	86	122	203	203	203	203	56	11	65	28	13	6	17	2	43	2	102	178	102	178	178	178	178	178	178	178	178	178	178	
Georgia	21	5	106	6	31	16	120	32	120	32	200	33	17	17	8	8	16	6	16	6	93	148	93	148	148	148	148	148	148	148	148	148	148	
Kentucky	14	9	106	3	85	49	165	14	165	14	98	8	55	18	37	5	10	6	49	6	88	141	88	141	141	141	141	141	141	141	141	141	141	
Louisiana	28	19	28	9	35	21	68	10	68	10	37	2	52	21	97	16	18	6	10	6	17	10	17	10	17	10	17	10	17	10	17	10	17	
Maryland	10	3	131	35	67	2	277	119	277	119	37	2	52	21	97	16	18	6	10	6	17	10	17	10	17	10	17	10	17	10	17	10	17	
Mississippi	30	13	133	133	133	133	133	133	133	133	194	25	33	21	21	16	18	6	18	6	129	75	129	75	129	75	129	75	129	75	129	75	129	75
Missouri	23	17	133	133	133	133	133	133	133	133	194	25	33	21	21	16	18	6	18	6	129	75	129	75	129	75	129	75	129	75	129	75	129	75
North Carolina	26	4	12	12	62	74	12	12	12	12	200	16	179	24	41	9	29	3	14	14	217	57	217	57	217	57	217	57	217	57	217	57	217	57
Oklahoma	35	24	71	27	52	35	205	41	205	41	173	17	179	24	35	3	9	32	32	156	274	156	274	274	274	274	274	274	274	274	274	274	274	274
South Carolina	43	24	160	160	160	160	160	160	160	160	160	16	56	30	36	5	27	4	33	7	164	152	164	152	164	152	164	152	164	152	164	152	164	152
Tennessee	27	25	191	30	130	33	191	30	191	30	491	62	45	45	67	7	85	2	100	21	269	549	269	549	549	549	549	549	549	549	549	549	549	549
Texas	77	43	359	45	45	45	359	45	359	45	359	45	45	45	116	14	25	2	273	41	548	548	548	548	548	548	548	548	548	548	548	548	548	548
Virginia	37	39	222	9	2	32	283	84	283	84	224	23	166	67	50	6	19	1	69	3	211	317	211	317	317	317	317	317	317	317	317	317	317	317
West Virginia	50	26	39	4	2	67	112	28	112	28	549	53	26	16	11	13	2	48	8	317	330	317	330	330	330	330	330	330	330	330	330	330	330	330
Total	508	326	1,387	351	831	6	2,852	522	2,852	522	2,931	332	897	305	691	76	250	17	798	104	2,339	3,156	2,339	3,156	3,156	3,156	3,156	3,156	3,156	3,156	3,156	3,156	3,156	3,156
Percentages																																		

LAND-GRANT COLLEGES AND UNIVERSITIES

Table 12.—NEGRO LAND-GRANT COLLEGES—Recapitulation of receipts and expenditures—Percentages, year ended June 30, 1931

Negro land-grant institutions lo- cated in—	Receipts							Expenditures				
	For educational purposes from—					Auxiliary enterprises	Total	For educa- tion and general		For auxil- iary enter- prises and expense		Total
	Federal funds	State funds	Private gifts	Student fees	Sales, services, and miscella- neous			Current ex- pense	Physical plant extensions	Current ex- pense	Physical plant extensions	
1	2	3	4	5	6	7	8	9	10	11	12	13
Alabama.....	15.3	30.0	38.9	3.1	—	12.7	\$135,129	36.3	—	11.5	52.2	\$155,367
Arkansas.....	13.1	57.9	.9	6.8	0.9	20.4	120,135	73.4	0.3	26.3	—	100,679
Delaware.....	13.7	46.9	1.0	1.2	.1	37.1	77,675	52.5	2.4	45.1	—	78,146
Florida.....	8.3	55.3	.1	2.8	4.2	29.3	321,497	41.0	35.8	23.2	—	283,655
Georgia.....	19.5	53.6	1.1	1.8	6.4	17.6	114,568	72.8	11.1	16.1	—	109,456
Kentucky.....	9.0	56.4	5.1	11.4	—	18.1	127,546	64.5	10.7	24.8	—	129,312
Louisiana.....	11.1	41.3	9.3	6.8	10.4	21.1	210,306	62.3	19.0	18.7	—	215,945
Maryland.....	23.1	58.1	—	11.0	7.8	—	43,265	97.5	2.5	—	—	41,787
Mississippi.....	26.2	41.9	—	1.9	.02	30.0	163,725	76.3	2.9	20.8	—	168,962
Missouri.....	1.0	76.8	11.7	1.9	—	8.6	444,343	39.4	51.6	9.0	—	440,889
North Carolina.....	8.5	57.6	4.9	11.6	2.0	15.4	220,685	40.4	48.5	11.1	—	269,175
Oklahoma.....	3.3	58.2	.2	14.9	.8	22.6	226,818	62.1	—	31.2	6.7	139,133
South Carolina.....	22.2	62.2	1.0	10.5	1.3	2.8	166,275	74.8	20.8	4.4	—	223,361
Tennessee.....	5.3	47.9	.2	6.6	5.7	84.3	298,120	55.8	3.4	28.4	12.4	241,174
Texas.....	3.6	39.8	—	6.3	16.4	33.9	531,663	52.9	18.3	27.6	1.2	607,140
Virginia.....	9.5	28.2	11.2	8.7	3.1	39.3	406,382	38.4	32.8	28.8	—	514,830
West Virginia.....	2.9	72.0	—	7.4	—	17.7	409,800	73.3	21.7	—	—	414,707
Total per cent.....	8.4	52.4	4.8	6.6	4.3	23.5	4,017,932	54.9	23.2	18.8	3.1	4,133,218
Median per cent.....	9.5	55.3	4.9	6.8	3.1	20.8	100.0	62.1	18.3	23.2	9.6	100.0

NEGRO LAND-GRANT COLLEGES

Alabama—STATE AGRICULTURAL AND MECHANICAL INSTITUTE FOR NEGROES, Normal—J. F. Drake.
Arkansas—ARKANSAS AGRICULTURAL, MECHANICAL, AND NORMAL COLLEGE, Pine Bluff—John B. Watson.
Delaware—STATE COLLEGE FOR COLORED STUDENTS, Dover—R. S. Grossley.
Florida—FLORIDA AGRICULTURAL AND MECHANICAL COLLEGE, Tallahassee—J. R. E. Lee.
Georgia—GEORGIA STATE INDUSTRIAL COLLEGE, Savannah—B. F. Hubert.
Kentucky—KENTUCKY STATE INDUSTRIAL COLLEGE, Frankfort—R. B. Atwood.
Louisiana—SOUTHERN UNIVERSITY AND AGRICULTURAL AND MECHANICAL COLLEGE, Scotlandville—J. S. Clark.
Maryland—PRINCESS ANNE ACADEMY, Princess Anne—T. H. Kish.
Mississippi—ALCORN AGRICULTURAL AND MECHANICAL COLLEGE, Alcorn—L. J. Rowan.
Missouri—LINCOLN UNIVERSITY, Jefferson City—Nathan B. Young.
North Carolina—THE NEGRO AGRICULTURAL AND TECHNICAL COLLEGE, Greensboro—F. D. Bluford.
Oklahoma—COLORED AGRICULTURAL AND NORMAL UNIVERSITY, Langston—Z. T. Hubert.
South Carolina—STATE AGRICULTURAL AND MECHANICAL COLLEGE, Orangeburg—R. S. Wilkinson.
Tennessee—AGRICULTURAL AND INDUSTRIAL STATE COLLEGE, Nashville—W. J. Hale.
Texas—PRAIRIE VIEW STATE NORMAL AND INDUSTRIAL COLLEGE, Prairie View—W. R. Banks.
Virginia—VIRGINIA STATE COLLEGE FOR NEGROES, Ettricks—John M. Gandy.
West Virginia—WEST VIRGINIA STATE COLLEGE, Institute—John W. Davis.